ON OFFICE. ATE STREET Manure.

and Honey.

ILOS!" OX. SOX & CO.

J. M. SHAW & CO.,

RN PACIFIC TIMES FARMERS! 6.000.000 Acres M. NEWPORT.

NESOTA.

R RALSAM The be

MASSACHUSETTS PLOUGHMAN

BOSTON. 6EO. 301ES Ploughman Company

Editorial.

THE BEST TIME TO PLANT.

BOSTON, SATURDAY, MAY 14, 1881. VOLUME XL:::NO. 33. of April and the first of May, he should not even though the wood is carried off; the

COTTON SEED MEAL

Saco, Me., April 11, 1881.

MASSACHUSE

try to get his corn in until after the middle fertility thus gained is in some measur May. Fodder corn, buckwheat, and drawn from land that is exposed to the ac Hungarian grass seed should not be planted tion of the sun and air. This is a fact that until the middle of June. The farmer to assist him in deciding the prompt him to keep his farm as thoroughly proper time for planting each crop should covered with a growth of vegetation as posmake himself as familiar as possible with the nature, and the wants, of each plant;

close observation and careful experimen *2.0011 will do much to settle disputed points, and Questions & Answers. POTATO CULTURE.

There are few if any crops that the natur and the wants seem to be so little underostage on the PLOUGHEMAN is 20 cents a year stood as the potato. Many farmers have an idea that they must select their potatoes for Editor Massachusetts Ploughman: planting, in the same way, and with the Will you please answer in the same care, that they do their onions, beets and turnips for seed, that is, selecting those and turnips for seed, that is, selecting those and turnips for seed, that is, selecting those are larger to the gentlemen seed meal compared with corn meal in the production of butter, and greatly oblige a composing the various committees. of the best form; they seem to entirely everlook the fact that they do not move the subscriber. overlook the fact that they do not propagate from the seed, but from the root or tuber,

and close observation, and even cutting from a grape vine or a current bush. was regarded with more or less suspicion n, as it is impossible to foretell the While this fact is generally known, by many and prejudice, and it was generally underweather, seeds may be planted so early that it is entirely overlooked. No doubt it is stood to be dangerous to the health of cows ticles, lace work, coverlids and fancy articles the young plants may be killed by a late always best to select potatoes to plant; but the young plants may be killed by a late always best to select potatoes to plant; but to be fed except in very smallest quantities; to divarious kinds, also things useful on farms, but experience has proved that it is less out as creamers, ice chests and farming prevent the seeds from germinating; so at or the flavor, but rather to reject the dissipation of the flavor, but rather to reject the dissipation of the flavor, but rather to reject the dissipation of the flavor, but rather to reject the dissipation of the flavor, but rather to reject the dissipation of the flavor, but rather to reject the dissipation of the flavor, but rather to reject the dissipation of the flavor, but rather to reject the dissipation of the flavor of the flavor. pest the farmer much late for the spring rains, ones should be rejected for the same reasons production of milk and butter. Cotton seed fruits. ather, while the squash is among the last that they would do very little towards furthat should be planted, if we except some nishing subsistence for the young sprout, tilizers in the market is worth \$27,50, while both water and musk, there was also a beauof the fall crops, like the English turnip, before its roots became large enough to abthe meal itself costs only from \$25 to \$27.

There was a fine show of single flowers

and while many tender plants may germinate and escape the frosts, they do not make that the product will be as good. The reason that amil potatoes do not always do as well, as secure a large yield. Even peas, although very hardy, will not yield so large a crop throw up a large number of stalks, which is about \$9, so that it will be seen that there is a decided administration. The value of manure from one ton of green house plants was exceisent, many of Indian meal is according to the same as that from authority worth about the same as that from best English hay, which is about \$9, so that it will be seen that there is a decided administration. The value of manure from one ton of green house plants was exceisent, many of Indian meal is according to the same of very valuable specimens being exhibited. Of vegetables there was also a very fine best English hay, which is about \$9, so that it will be seen that there is a decided administration of Indian meal is according to the same of Indian meal is according to Indian meal is accordin very hardy, will not yield so large a trop unless the land is very rich will be small and planted the middle of April as the middle unless the land is very rich will be small and vantage in feeding cotton seed meal over Tomatoes. The above mentioned varieties that of Indian meal. planted the first we k in May, will usually potatoes; if they be cut in pieces small Here is another instance of the great serving of notice. planted the first we k in May, will usually yield more if planted the 25th of the month. But there are some crops that must be planted early, or the seed will often fail to germinate. Among them may be named grass seed, if it must be sown in the spring, from which they came, it fails to start with grass seed, if it must be sown in the spring, the state of the great progress that has been made in the economy of turning waste materials to profitable use. Not many years ago cotton seed was a much nourishment from the small piece waste material, and hundreds of thousands of bushels, and in fact all produced at the could be sown in the spring. onions, carrots and beets; it is also impor- that vigor which they would if they could South except what was used for seed, was drawing tant that spring grain, except corn, should draw nourishment from a good sized piece. made no use of. Now it is carefully saved, country, all very good

cold enough to freeze them, and even then they will recover better than corn, for corn rowd each Editor Massachusetts Ploughman :

when cut down with frost, or its growth stopped by cold weather, does not readily recover, and in fact it never seems to do as when it when the seems to do as other, and never become large sized and filled with large healthy leaves.

Many believe that the seed end of the powell as when it comes up after the cold weather is over. It then keeps in a thrifty condition through the season, and usually passes the earlier planted, in size, if not in the time of ripening.

The present season during April and the condition through the season and usually passes the earlier planted, in size, if not in passes the earlier planted, in size, if not in the time of ripening.

The present season during April and the first of May was dry for the season, consequently the ground the first week in May was in better condition to plough and plant than it frequently is the last of the month. But this is no sure indication that the season will be a favorable one for early planting. Heavy rains may come and the ground, the first of the month, may be both cold and seed end altogether, or cut the potatoes; the better way is to discard the seed end altogether, or cut the potatoes are cut, care should be taken in plant large fields of tender plants. As a rule it is not best to plant large fields of tender plants are rounded in the plantes, the planting, to place the cut side down; some never plant are potatoes are cut, care should be taken in plant large fields of tender plants are rounded to the cut side down; some never plant are potatoes are cut, care should be taken in planting, to place the cut side down; some never plant are potatoes are cut, care should be taken in planting, to place the cut side down; some never plant cut potatoes without first rolling and the result is the season during April and the stands and the result is the same as plant-ing small whole potatoes; were it not for the scoretary of the State Board of Agriculture. The report for the Secretary of the State Board of Agriculture. Of swing two beautiful but monstrous creatures, the potatoes who was a fine show, mostly of the Agriculture. Of swing two beautiful but monstrous creatures, the potatoes who was not yet out, but will probably be issued sometime during the present month. A limited number of copies of the Secretary of the Board of Agriculture. Prof. Goesmann's Report on Fertilizers is always full of valuable information, which is the potatoes are cut, care should be taken in planting, to place the cut side down; some potatoes are cut, care should be taken in planting, to place the cut side down; some planting to provide the second of Agriculture.

when manure is put in the hill a mistake ception to the rule. The year 1879 was one of the exceptions. The exceptions are so that it is not best to take the risk, except so far as one is willing to sacrifice quantum and upon the published in pamohlet form.—[ED.]

When manure is put in the hill a mistake commercial fertilizers best adapted to his ducted in the best manure and upon the wants. A limited number of this Report is the opinion of your delegate a well deserved success, for the Plymouth Agricultural Reports and report, that everything was conducted in the best manner and upon the wants. A limited number of this Report is the opinion of your delegate a well deserved success, for the Plymouth Agricultural Reports. not approve of, it should always be put on Every farmer should have two gardens; the top of the potatoes, and it should be de-

the table may be obtained two or three seeks earlier than from exposed situations, but the crop will be much smaller. The hilled. While those who practiced level cul-best authorities as an unsoundness, and bushels only \$8," and not \$3, as pub supplying the table with ture had large crops of excellent potatoes. does not affect the usefulness of the ani- lished. tables, at the arliest moment post make up for the extra labor and that are not hilled cannot find room to grow remedy for it.—[ED. Gardens in exposed positions should not without growing out of ground, while the

Many cultivators have an idea that potators and, many control to appear to be any series, most make up for the extra are not hilled cannot find room topy with the state week in May, and even that is too early for squashes, for these the first and second week it alone is early county. For the marrow squash our best that the state week in the second was in June 1 the second was in June 2 the June 2 the second was in Jun

THE PLYMOUTH AGRICULTURAL SOCIETY.

BY A. T. PERKINS.

Your delegate arrived on the grounds of the Society at 9.30 A. M., and was most courteously received by the President and Secretary. This being the first day, viz.: Sept. 22d, the delegate was surprised to find everything in perfect order extensive grounds. The President kindly offered to answer the printed list of ques tions furnished by the State Board, and your delegate had the pleasure of hearing him

Your delegate was most favorably im pressed with the earnest and business-like way in which every one connected with the

Cotton seed meal has been growing in best time to prepare the which is a continuation of the old life, and favor for the production of milk since its in- Fair seemed to be doing his or her duty. land and plant each crop requires long ex- produces its like in variety, the same as a troduction. For quite a number of years it All were evidently much interested.

prevent the second that take his chances, in eased ones and the small ones; the diseased meal, and equally good or better for the were placed a very fine share of flowers and regard to being too late for the spring rains ones should be rejected for the same decided value above that of Inthe crops may be classified by careful objected, and the very small ones should be rejected, and the seed of each plant sown jected because there are nearly as many eyes servation, and the seed of each plant sown jected because there are nearly as many eyes jected because the eyes are nearly as many eyes jected because the eyes are nearly as many eyes jected because the eyes are nearly as many eyes jected because the eyes are nearly as many eyes jected because the eyes are nearly as many eyes jected because the eyes are nearly as many eyes jected because the eyes are nearly as in its proper order. For example: The in a small potato as there are in a large one, it has been shown that the fertilizing quality there were the Bartlett, Dutchess, Superfin, pes is among the first crops that may be and if cut in pieces with only one or two contained in the manure produced from one Swan's Orange and many other good varieplanted without risk of loss by the cold eyes in a piece, they would be so very small ton of cotton seed meal when compared with ties. Of apples there was a fine show of

of the fall crops, have the Regissal turnip, sorb the fertilizer in the soil.

As a rule, we think the farmers of Eastern

Massachusetts plant many crops too early; two eyes should be cut out, and then the cold east winds keep the ground cold, potatoes planted whoie. In this way if seeded and while many tender plants may germinate and while many tender plants may germinate the same as large potatoes cut to two eyes, and while many tender plants may germinate the same as large potatoes cut to two eyes, and while many tender plants may germinate the same as fine show of single towers. If chemistry is correct there is great advantage in feeding it, as the manure produced though your delegate does not consider this method ever produced so agreeable an effect certainly very valuable in producing milk and butter. The value of manure from one ton of green house plants was excellent, many very valuable apocing exhibited.

be sown early; but he who should sow Hungarian grass seed early would find that he had made a mistake; for this is a crop that will grow only in hot weather. Potations may be planted quite early, much earlier

By having the land in good order and very inch, this feebleness is soon overcome, but under ordinary culture it never outgrows its returned again to us in the form of olive oil, and the cake ground into meal, which is large one of our most valuable feeds and fertiliary to the form of olive oil, and the cake ground into meal, which is Black to cochins and White Cochins, Gold, Silver and Penciled Hamburgs, Gold and that will grow only in not weather. For the most reasonable to the may be planted quite early, much earlier than corn, as it takes much longer for them to sprout and get above ground, and besides a little cold weather does not seem to affect them as badly as it does corn, unless it is seeding produces a very large proportion of good sized potatoes; this is because light seeding produces few stalks which grow very evide nough to freeze them, and even then will recover better than corn, for corn they will recover better than corn, for corn light end of the most valuable feeds and fertileges.

**West and the cake ground into meal, which is Black Cochins, Gold, one of our most valuable feeds and fertileges.

ED.

**The arrangements of the Horse, Cattle, Sheep and Pig pens was quite as good as the other departments of the Fair. Your delegate saw there two beautiful and high the produces a very large produces and fertile very large very large very large ve Presidents, and coming from Middleboro,

plant large helds of tender plants early, because the ground is in good condition; oc-casionally we have a year that early plant-ing may be an advantage; but it is an ex-

Every farmer should have two gardens; one in a dry, warm and sheltered location, and the other in a moist, rich soil, with a slight inclination to the north. The sheltered garden may be small, but it should be, ing July and August, if the weather proves in horse, as I have a valuable one which should not go uncorrected, as in July and August, if the weather proves to be dry, potatoes frequently suffer by too meeds of even tender plants may be planted early in the season, if they are carefully watched and protected, whenever necessary, from the cold, and as soon as the weather gets hot and the ground dry, frequently liberally watched. In this way regetables for the table may be obtained two or three weeks earlier than from exposed situations.

SMOKED MUTTON HAMS.

SPRING HALT



A PAIR OF MOTTLED JAVAS.

Mottled Javas were produced nine years since crossing a large white hen with a Black Java cock. The hen was from a flock that had been ored pure for a number of years, but unlike any thing we have in the Standard. thing we have in the Standard. In crossing for new breeds, says the Poultry Monthly, to which we are indebted for the use of the above beautiful engraving, it is highly important that both parents are from established strains, not crosses, otherwise we have so many types to content with that the results are entirely uncertain. This idea was carried out in the selections for Mottled Javas and we now have them breeding with as much uniformity as many old

POTATO PLANTING.

A few days since I asked one of my neigh-

bors if he had planted anything yet." "Yes," says he, "I have planted my potatoes and hoed them for the season, and think I have

put a quietus on the potato bugs too."-Well," I say, " will you tell me how such a

thing can be done?" "Yes," he answers, " !

will. Last year as soon as I had finished

planting my potatoes I covered about one-

be six inches or more deep when fairly set-

tled. I didn't hoe or do anything with that part again until harvest time, when I gath-

ered from one and a half to two hushe's per

rod of as pretty and smooth potatoes as l

ever had, very white, and many of them

lying on or near the top of the ground.

There were no bugs on them until after they

had blossomed and then a few came from

the adjoining piece which was not thatched,

but was almost destroyed by bugs, the pota-

toes came up through the thatch and thrived

but no weeds appeared during the season

except here and there a bitter weed, and

when I due the notatoes the ground was as

mellow as when I planted them. On the

other part which was not thatched, but was the same kind of land and had the same

treatment otherwise, the potatoes were hard-

found them as he represented, only that the color of the skin was now like any other

ly worth the digging."

Editor Massachusetts Ploughman:

established breeds. In color they are black and white, closely resembling Houdans in this particular only.

During the last four years, Javas have been exhibited at various shows and presented to the the birds, and at the meeting of 1880, the Presi-dent appointed a committee to perfect a Standard for Black Javas and Mottled Javas. During the last session the Standard was pre-During the last session the Standard was pre-sented: the society accepted it, and now our American Javas have a place in the Standard on an equal footing with other breeds.

Stock Department. Correspondence. CAUSES OF ABORTION IN COWS.

(Corr. Country Gentleman.) Allow me to call attention of breeders of cattle to two very frequent causes of abor-tion in cows, that have not been presented by the many contributors on this subject in your valuable journal. It is important first fully understand the condition of the cou in relation to her carrying her calf in the womb. The calf floats in a liquid (liquor amnii) contained in a very thin membrane-ous sack. This sack is not thicker than half of the piece with thatch so that it would

the fluid escapes, the calf dies, and abortion takes place with absolute certainty. From extensive observation I am satisfied that the rupture of this membrane or sach is the most frequent cause of abortion in cows, and it is mostly done by cows hooking and punching one another in the flank an bdomen, thus bursting the membrane with his sack could not be, yet it is a fact. Some old cows seem to be possessed to do this very thing, and seem to know exactly where to punch, and make a business of it. A friend of mine had a herd of 60 head. For two years he lost nearly half his calves. He wished me to go and find out the cause. I found a large yard, 100 by 300 feet, on each side of his barn, with a passage way of 12 eet from one to the other, and there stood two old cows near this passage that were punching and hooking, lifting the hind parta of some clear from the ground. Fourteen calves had recently been lost. The two cows were removed at once. There has been no abortion in this herd for the last three

years.

The other and more frequent cause is I know that the above statement is reliwhen a cow that is with calf mounts or rides those that are not with calf and are in heat. In doing this she brings her whole weight able. I have seen some of the potatoes and of several hundred pounds) on the unde part of her belly, and on the hips and pro-jecting rump of the cow she mounts. The under one usually tries to get from under, His land, like most of our Cape Cod soil, is a rather light, dry sandy loam. This thus causing the one on top to step and strain to keep on. The force and weight on thatch is the long coarse salt hay, which this thin membraneous sack is very great and it bursts, the calf dies and abortion folgrows from three to six feet in height on the borders of the creeks in the salt marshes. lows. This may take place in the early and is broken off (when not cut) by the high stages of conception by forcing the womb and contents up into the pelvis. It is atrange that cows with calf should seem to tides and the ice in the winter, and with the weepings of the marshes is lodged on the be determined to do this mounting. To pre-vent these two causes, cows in calf should not be allowed to run with those that are not, and no punching and hooking cows should run with those with calf. They like to catch them when going into their stalls or through a gate. No kicking, rough usage

or fast driving should be allowed.

Che horse.

BREEDING FARM HORSES-[National Live-Stock Journal, Chicago.]

We have encouraged the use of the large imported horses of the better class because we have thought that one of the greatest

defects in our farm horses was want of size;

and this, it seemed to us, could better be supplied by an infusion of the blood of the draft horse than from any other source. But

we are certain that in many localities quite

as large an infusion of this blood has been made as will be profitable; and that for the uses of the furmer, better horses can be pro-duced from these grade draft mares by the

use of a stout, large, compactly-built thoroughbred horse, or a highly-bred, well-formed, and good-sized trotting stallon, than by a further infusion of the blood of

the draft borse.

Returning again to the Percheron blood, we have no heaitation in affirming our belief in its great excellence; and that it is to this blood, which, at a very early day, was largely introduced into Canada, that the horses of

introduced into Canada, that the norses of that section owe much of the excellence that distinguished them fifty years ago. Very many of the very best sires of general pur-pose, or farm horses, that we have ever had in the United States, have been brought from

Canada, and evidently partook largely of this blood. From that country we have had the Pilots, the Corbeaus, the Columbuses,

this blood. From that country we have had the Pilots, the Corbeaus, the Columbuses, the St. Lawrences, the Royal Georges, the Napoleons, the Normans, and many other recognized families of superior excellence, which we believe derived their merits from the old Pereberon blood, brought over by the French settlers, rather than from an imaginary scion of imported Messenger, spirited in some mysterious manner across the border, as a certain self-styled "Horse Authority" in this country has told us over

Authority " in this country has told us over and over again. And while, as we have said, we think in many sections we have had quite as much of the coarse draft-horse blood in troduced as will prove valuable, yet we are

clearly of opinion that we can never get too much of the genuine Percheson blood in any part of our country, where the production of hardy, useful horses is the object in view.

A man can raise more corn on twenty

acres if it is thoroughly manured, carefully ploughed, and kept free from weeds, than he can on forty acres, with only the same amount of manure, and time to give to it

To all kinds of fowls onions are a

the draft horse.

SUGAR MAKING FROM THE AMBER CANE.

Abridged from a paper read at the annual session of the Minnesota Amber Cane Association, by R. J. Wilcocks.

In the U.S. Agricultural Report the following attement course. "The chief relowing statement occurs:-- "The chief re-quirement for sugar making from the sorghum canes is their perfect maturity, and such maturity is dependent on correct culti-vation and late cutting." This statement is squally applicable to all varieties of cane but it is specially pertinent to us who in this northern climate deal with the amber and kindred canes. How, then, can we best

lands of the adjoining owners.

Dennis, Mass., May 2nd. 1881.

obtain the early maturity so needful to suc-The proper selection of soil will help us in this matter. A warm, sandy loam, the richer the better, so that it is not enriched richer the better, so that it is not enriched by rank fertilizers, would be very desirable. New land of this description if planted early will generally afford a sure and heavy crop. If new land is not convenient, select any good corn land not too much impoverished by heavy cropping.

We can secure the atimulating influence of fertilizers in the application of well composted barn-yard manure, or in the well decomposed claver and: to this may be

decomposed clover sod; to this may be added a liberal handful of plaster, or wood ashes, to each hill. By these we may promote the early growth and increase the size of the cane, and thus increase the yield of

of the cane, and thus increase the yield of juice without injury to the sugar. Nor is this increase of the quantity at the expense of its richness.

The proper selection of seed will have much to do with the growth and early maturity of the cane. The seed should be selected from the standing cane. Take not only the earliest, well-ripened heads, but take only those seeds grown on the upper third or half of the pannicles.

The Preparation of the Soil.—Fall ploughing will enable us to hasten the planting in the spring. We are also recommended to soak the seed from twenty-four to thirty-six hours in warm water, and then plant as

to soak the seed from twenty-four to thirty-six hours in warm water, and then plant as early as possible. Plant shallow, but cover thoroughly, and then be ready to stir the ground at the first appearance of weeds, and keep stirring it as long as the weeds show themselves. Frequent cultivation hastens the growth of the cane; it destroys the weeds so that the amplicht and heat can penetrate so that the sunlight and heat can penetrate the soil and give to the cane that condition of growth which insures abundance of juice and the richness of its quality which is the object of our efforts. Clean culture is a ecessity if we desire paying results.

Cane Seed.—One of the most essential

Cane Seed.—One of the most essential matters in order to make syrup and sugar making a success is a careful selection of seed we plant. The cost of seed is so small compared with the importance of the result in the crop we are to reap therefrom that it is poor policy to plant seed that is in any respect doubtful or that is not known to be of the very best quality.

NUMBER TWO.

Borticulture.

ritten expressly for the Mass "the retts Ploughme

SEPIOUGHMAN

NATURAL AND GRAFT HYBRIDS. BY J. W. TALBOT.

To the Editor Marsachusetts Ploughman:

hat nearly all our choice fruits, though splitting the buds, but would sooner think darker. In New York State large quantieedlings, are hybrids-natural hybrids. I it was obtained by grafting one upon the now propose to speak of the propagation other. This equally admits the existence of sand hybridizing of plants without the process graft hybrids. Where the cells of different nearly all of the seed leaf growing States. f seed birth. This is by taking a brd, species unite in the blossom to produce a Pennsylvania tobacco is the darkest colored eaf, or some part of a mature tree, and natural hybrid, the embryo produces fruit of the seed leaf varieties, and of late has from it building up the whole tree by the very different from both parents. Some- been highly esteemed, as it furnishes large multiplication of cells-simply cell building. times the fruit will much resemble one, but quantities of wrappers for Maduro cigars, It is done by placing cuttings in the earth have or lack certain qualities of the other. the color most in demand. This sort has a and building the roots-by a root-building Why should not this be the case with graft good bodied leaf, and will "go through a new top, or by setting a bud or scion on hybrids? When the greening is grafted on second sweat all right." Ohio leaf is of stock or tree to change the species by the Hightop Sweeting, a summer apple, the good texture, and burns to a light ash. The building a new top. This process is familiar tree grows like the Hightop, the fruit is shaped like the greening, but loses its keeping qualities. The Hubbardston when But before we can fully comprehend this grafted on the Hightop, will not keep so ocess, we need to understand the circula- long by two months as when grafted on the leaf tobacco growing State, producing both tion of the sap, as connected with the formation of the protoplasm from which all the texture. It is a partial hybrid. In a case cell buds and other parts of the tree are in this town where a sweet Russet was is grown. Pennsylvania produces more onstructed. This seems to be the startng point in plant growth. Since Herres two limbs is almost as awast as the prigrant of the 250,000 cases produced in ing point in plant growth. Since Hervey two limbs is almost as sweet as the original, demonstrated the circulation of the blood but on the others it is neither sweet nor 1880, Pennsylvania furnished from 125,000 in animals, there have been many absurd and contradicting theories concerning the form and color, but unlike any known is shown of the san in plants. Possible and color, but unlike any known of the sand leaf to become the circulation of the sand leaf to become the contradicting theories concerning the form and color, but unlike any known of the sand leaf to become the circulation of the sand leaf to be concerning the circulation of the sand leaf to be concerning the circulation of the sand leaf to be concerning the circulation of the sand leaf to be concerning the circulation of the sand leaf to be concerning the circulation of the sand leaf to be concerning the circulation of the sand leaf to be concerning the circulation of the sand leaf to be concerning the circulation of the sand leaf to be concerning the circulation of the sand leaf to be concerning the circulation of the sand leaf to be concerning the circulation of the sand leaf to be concerning the circulation of the sand leaf to be concerning the circulation of the sand leaf to be concerning the circulation of the sand leaf to be concerning the circulation of the sand leaf to be concerning the circulation of the sand leaf to be concerned to the circulation of the sand leaf to be concerned to the circulation of the sand leaf to be concerned to the circulation of the sand leaf to be concerned to the circulation of the sand leaf to be concerned to the circulation of the sand leaf to be concerned to the circulation of the sand leaf to be concerned to the circulation of the sand leaf to be concerned to the circulation of the sand leaf to be concerned to the circulation of the sand leaf to be concerned to the circulation of the circulation of the sand leaf to be concerned to the circulation of the sap in plants. Recently, species, and is worthless. It is doubtless a y the aid of modern science, the best natu. graft hybrid. alists have discovered certain facts which

explode these about theories and have dethe different species need to be split as indifined the true method new almost wines.

Cated by President Clark to avoid the split as indiThe shipments of the leaf in quantity is ined the true method, now almost univers- cated by President Clark, to produce a graft regulated not only by the price paid for it ally adopted. Massachusetts may well be hybrid. I think if two different cells be proud of the essay on this subject, by W. placed side by side, and they commence the Clark, the former president of her Agri- work of multiplying or cell building togethcultural College, which Agassiz called a revelation to physiologists of merit sufficient or mongrel wood, and the fruit would corto establish the reputation of the new colleger among the scientific institutions of the world. (See Massachusetts Agricultural Report for 1873.) Science has most satisfactorily demonstrated that the crude sup of the roots holding in solution various mineral substances and other materials stored up the previous season, ascends through the duete or new colleger to mongrei wood, and the fruit would correspond, as it is the wood and not the leaf among the bearing it is the wood and not the leaf singly as a wrapper to cover the cigar when made of foreign tobacco. There are tricks in all trades, and the composed of five kinds of wood, each kind bearing its own fruit, although the plum roots supply the sap and the almond leaves at the proton leave the previous season. The course has not the aroma of the renowned cigar tobacco. This sort of stored up the previous season, ascends through the ducts or pores of the sap wood to the buds and there forces out the embryo stems and leaves so wonderfully folded up in them and continues its flow through the opening ducts or pores of the stems to the upper side of the developing leaves, then passing through the leaves to the veins on the under side where it exhales, through the newly formed stomata or breathing pores, its superfluous water and inhales the carbonic acid of the atmosphere, thus obtaining the carbon which constitutes so large a part of the plant; then begins its downward circulation into the chlorophyl or green substance of the new bark, which, acting like the gastric juice of the atomach, digests the carbonic acid and other matter, and after assimilating with the sugar, starch, gum, etc. there deposited, passes through the inner bark into the cambium layer to unite with the protoplasm before formed. This becomes the food, the life principle, which the cambium like the arterial system of the farm and there are supported the cambium will not grow below the girdle, while the cambium of the cambium layer to unite with the protoplasm before formed. This sort of the renowned cigar tobacco. This sort of the renowned is an other ration the stock, thus proving that it is an inherent wood of the stock, thus proving that it is an inherent power in the wood of the stock, thus proving that it is an inherent power in the wood of the stock, thus proving that it is an inherent power in the wood of the stock, thus proving that it is an inherent power in the wood of the stock, thus proving that it is an inherent power in the wood of the stock, thus proving that it is an inherent power in the wood of the stock, thus proving that it is an inherent power in the stock will be with the suck. The wood principle of the international powers are placed in the cambium layer to a vigorous stock, and the stock will appear to the proving the cities of the stock of the protoplasm before formed. This becomes the food, the life principle, which the cambium (like the arterial system of the the cambium (like the arterial system of the animal economy) circulates to every part of the growing plant. In this cambium layer, between the inner bark and sap wood, completely surrounding every bud and branch and root of the whole tree, all growth is made. Here the protoplasm forms every cell that serves to make up the different parts. Here are stored the innumerable unclei or primordial cells which we find unclei or primordial cells which we find over. unclei or primordial cells which we find round every node, at the base of every leat and throughout every part, ready to shoot out in the form of buds as soon as there is the bedy the protoplasm in the cambium of the protoplasm in the cambium of the tree, full of primordial cells, will flow up the grafted limb into the soin and if the protoplasm. out in the form of buds as soon as there is a call for them. But we are to remember that this is all done by simple cell building, and that this process does not change the character of the plant. Every cell in this process of multiplying produces its like.

It is strictly a natural process, and as such the product sold for clear Havana cigars. It is strictly a natural process, and as such the product sold for clear Havana cigars. Very little of this tobacco comes to this market.

The flavorings of cigars are numerous and varied. Oftentimes the refuse of Havana cigars.

It is strictly a natural process, and as such can never produce a hybrid. It is simply reproduction by cell building, and all natural hybrids, as before shown, are produced by the union of male and female cells of different qualities of apples and pears when the soil will not account for it. With our present knowledge in this mixed embryo in the seed. We now come to consider the subject of graft hybrids. Many conservatives, like the old miller who knew the earth did not turn round because of fruit is by some deemed important, is jet to show the most of the world. Yet your goes to England, of the world. Yet your goes to England. his mill pond was not spilled out, still de-clare there is no such thing as a graft hy-brid, simply because they have never seen it. When a scion is grafted upon a stock, and by the process of cell building a new deem it of more importance, especially in to our American tobacc top is grown, it has generally been supposed regard to the selection of seeds for the that the stock does not affect the character stocks from which we are to propagate. of the fruit of the scion. When a scion has There is yet much to be searned in regard produced fruit different from what we ex- to fruits. pected, it has been charged to some mistake Norwood, Mass., 1881.

pected, it has been charged to some mistake in the scion; but when the fruit is different from the stock, different from the fruit of the true from which the scion was cut and the true from the stock different from the fruit of the true from which the scion was cut and the true from which the scion was cut and the true from which the scion was cut and the true from which the scion was cut and the true from the stock different from the fruit of the true from which the scion was cut and the true from the scion was cut and the true from the scion; but when the fruit is different from the stock, different from the fruit of the scion; but when the fruit is different from the stock, different from the fruit of the scion; but when the fruit is different from the scion; but when the fruit is different from the stock, different from the fruit of the scion; but when the fruit is different from the stock, different from the stock, different from the stock, different from the stock, different from the fruit of the scion; but when the fruit of the scion was cut and the scion from the stock different from the scion was cut and the scion from the stock different from the stock different from the scion from the scient from the scion from the

wood and mixed fruit. This is a graft hybrid. | Written I find in the Massachusetta Agricultural port for 1871, p. 295, over the signatures of W. S. Clark, then president of Mass.

WHOLE NUMBER 2053.

Agricultural College, and Marshall P. Wilder, who is everywhere known, a recog- To the Editor Mass. Ploughman nition of the same principle in the following statement: "Graft hybrids or sprouts may in ten States, viz: Massachusetts, Connected, Tomperature, To a portion of the cell of the acton has united Pennsylvania, Indiana, Illinois, Ohio and with a portion of the cell of the stock to Wisconsin. Some seed leaf is also grown To the Editor Marsachusetts Ploughman: form a sort of mechanically crossed cell in Virginia, known as Old Dominion seed which has reproduced itself with infinite leaf, but not to any very great quantity. process of plant growth by sell build- variations." Now this is precisely what Mr. The most noted and oldest sort cult the process of reproduction by the Meehan has demonstrated by his experiment vated is Connecticut seed leaf, that has had nion of male and female cells forming above described. Mr. P. Barry in the Gar-be embryo plant in the seed, and the dif-dener's Monthly for 1869, p. 358, referring thirty years. This kind is the finest in ence between the plant purely native to the mixed apple above named, doubted texture and usually of high color. In Mass ad the hybrid or mixed plant. We find whether it could have been produced by sachusetts the leaf is a trifle thicker and

It does not appear to me that the cells of

SEED LEAF TOBACCO.

NUMBER ONE.

Seed leaf tobacco is used wholly in th

THE DOG NUISANCE. [Prairie Farmer.] The bane of sheep husbandry in the

the tree from which the scion was cut, and different from the stock, different from any fruit known, it is hard to account for it, unless we sall it as mixture or hybrid from the unnatural process of grafting. More than a century ago, an apple was produced, one side of which was awest and the other sour, and with it came the tradition that it was obtained by splitting buds and putting the half of a Greening and Orange Sweet bud together. These apples are still quite common. The combination and existence of the fruit is no longer a matter of doubt. The method of obtaining it is the question. It was positively asserted by some that the buds so split could not live, and that if they did such fruit could not follow. Mr. Mechan, of Philadelphia, (See Gardner's Mosthly, vol. 18, page 306) was of this opinion; but to test the matter he carefully split the buds of different kinds, and succeeded in making three of twelve live, and two of them have fruited, bearing fruits unlike either kind and different kinds, and succeeded in making three of twelve live, and two of them have fruited, bearing fruits unlike either kind and different kinds, and succeeded in making three of twelve live, and two of them have fruited, bearing fruits unlike either kind and different kinds of bods, by grafting. Now, Mr. Mechan is a man not easily deceived, and who has 2c motive to deceive others. The philosophy of the case is the protoplasm or the cells of the two buds amised and of the cells of the two buds amised and of the cells of the two buds amised and of the cells of the two buds amised and of twelve live, and two of them have fruited bearing fruits unlike either kind and different kinds and succeeded in making three of twelve live, and two of them have fruited bearing fruits unlike either kind and different kinds, and succeeded the making three of twelve live, and two of them have fruited bearing fruits unlike either kind and different kinds, and succeeded in making three of twelve live, and two of the case is the protoplasm of the cel

The Ploughman.

BOSTON, SATURDAY, MAY 14, 1881.

of life by earthquake at Chios has been reach the scene of the Exhibition.

It is confidently asserted that Mr. Stanley Matthews will be confirmed by the Senate

six votes are counted in his favor. The trustees of Dartmouth College have concluded their investigation of the difficulty existing in the Faculty of the College, but

time, Prof. Hewitt has resigned. The meeting of the Boston School Com mittee, on Tuesday evening, was largely de voted to hearing reports on the proposed abolition of the suburban high schools, but no action was taken at that time.

Mr. Bradlaugh made an effort on Tuesda to take the oath as a member of the British House of Commons, but he was excluded from that body until he will promise not to

'The significance of the recent anti-Jewish

the possestry there has been an only the season of the first the season of the season

ernment, at any rate. What the N hilists

against the power that is responsible for order within the empire. Let some party day, and the expectation is that it will adarise that will make it its object to cleanse journ finally about the time we go to press body with Vitalized Phosphites, and thus Par.

— High rents and houses. Four hur from this cause.

— Lyan is to specific to the power that is responsible for Legislature would be prorogued on Thursday, and debility; strengthen both brain and journ finally about the time we go to press body with Vitalized Phosphites, and thus Par.

— Lyan is to specific to the power that is responsible for Legislature would be prorogued on Thursday. the operations of government of corrupt with the present issue.

Pennsylvania is moving for the transference of the remains of William Penn from

Gen. Norton has set forth the facilities

Boston regarded the clock and wall street now as they did a month ago.

They don't as you much penn from Gen. Norton has set forth the facilities bell of the "Old South" as perhaps the most relia.

The tulips in the State House yard

The Monetary Conference at Paris is slowly making progress in its discussions. One of the representatives asserted that the present state of the money market amounted to a monetary crisis.

The Monetary Conference at Paris is fly pushed as it is capable of being, there is having been born and nurtured among such simple and cannot retrain from a feeling of price as having been born and nurtured among such simple and cannot retrain from a feeling of price as having been born and nurtured among such simple and cannot retrain from a feeling of price as having been born and nurtured among such simple and cannot retrain from a feeling of price as having been born and nurtured among such simple and cannot retrain from a feeling of price as having been born and nurtured among such simple and cannot retrain from a feeling of price as having been born and nurtured among such simple and cannot retrain from a feeling of price as having been born and nurtured among such simple and cannot retrain from a feeling of price as having been born and nurtured among such simple and cannot retrain from a feeling of price as having been born and nurtured among such simple and cannot retrain from a feeling of price as having been born and nurtured among such simple and cannot retrain from a feeling of price as having been born and nurtured among such simple and cannot retrain from a feeling of price as having been born and nurtured among such simple and cannot retrain from a feeling of price as having been born and nurtured among such simple and cannot retrain from a feeling of price as a success.

— The venerable Peter Cooper says he learned to be a brower, a coach-maker, and a machinist, all before he was twenty-one years old. Healse the inhabitants of a whole town were ones in the first be thought for a living simple for a block from which the inhabitants of a whole town were ones in the first be thought for a living simple for a block from which the inhabitants of a whole town were ones in the first be thought for a living simple f as Judge of the Supreme Court of the United States. Forty-one out of seventyheld this year, so that a combination of wholly less their meaning or not. forces would be secured from the outset that would overcome all obstacles without diffi-

THE FINANCIAL SITUATION.

movement of gold that it has done of late.

The rates were so low, a few weeks ago, that the restige of the cavalry sabre is also departed. So, too, is the noisy ratapiam of the "borrors of emigrant ships" are just "The "borrors of emigrant that gold was shipped treely from any Euest figures of a year ago, when they almost epaulettes. The huge bearskin caps of Freder-

Proper writing. In hard of heading price was an analysis flower or times of the course proper the way of all the rost, and heading price was an analysis flower or times of the course proper the condensation of the course of the course proper the condensation of the course of the course proper the condensation of the course of the course proper the condensation of the course of the course proper the condensation of the course of the course proper the condensation of the course of the course proper the condensation of the course of the course proper the condensation of the course of the course proper the condensation of the course of the course proper the condensation of the course of the course proper the condensation of the course of the course proper the condensation of the course of the course proper the condensation of the course of the course proper the condensation of the course of the course proper the condensation of the course of the course proper the condensation of the course of the course proper the condensation of the course of the course proper the condensation of the course of the course proper that the condensation of the course of the course proper the condensation of the course of the course proper the condensation of the course of the course proper the condensation of the course of the course proper the condensation of the course of the course proper the condensation of the course of the course proper the condensation of the course of the course proper the condensation of the course of the course proper the condensation of the course of the course proper the condensation of the course of the course proper the course proper the condensation of the course of t The elaborate preparations for representing the "Gedipus Tyrannus" of Sophocles in the Sanders Theatre, at Cambridge, are nearly complete. The greatest labor and pains have been expended in bringing the matter to the stage when it is ready for presentation to the public.

The elaborate preparations for representing the part of the public at all on bis interior side, it were best done of the part of the public at all on bis interior side, it were best done of the part of the public at all on bis interior side, it were best done of the part of the public at all on bis interior side, it were best done of the part of the public at all on bis interior side, it were best done of the part of the public at all on bis interior side, it were best done of the part of the public at all on bis interior side, it were best done of the part of the public at all on bis interior side, it were best done of the present of the part of the public at all on bis interior side, it were best done of the present of the public at all on bis interior side, it were best done of the part of the public at all on bis interior side, it were best on to try to hide his defects, especially when to they are so glaring. All may be part of they are so glaring. All m circulation.

tional government. It is a legitimate gov- sharply opposed. The speaker concluded it is thought will be accepted. It is proposed to

and growing this shown is elemental and constructions and constructions water, because it is a popular government. Their assumption in this such as prevented at construction and construction and constructions are constructed by the process of the state of the growing their this such as prevented the believed Leaf Bellin and the state of the growing their this such as the prevented at constructions and constructions, construction of the state of the growing their this such as the prevented at construction, and construction, construction and an active principle by the more set of adoption. The construction is not generally in the construction of the fourth American the construction of the fourth American the construction of the constructi pointment of a commission to consider the whose offers are more completely imbedded in corruption than those of Russia. That is the subtle and deep-seated foe with which the Czar has to contend. We hear not eyitable about the hostility of Nihilism to that. Nihilism aims its secret blows only against the power that is responsible for order within the empire. Let some party order within the empire. Let some party order within the empire. Let some party of changing the equity system distinct the subtle and deep-seated foe with which the commonwealth, was ordered a third of a strange orchid in the interior of Jamaica, and after a large expenditure of money and great energy and patience on the part of their emissaries, within a year they were in possible for order within the empire. Let some party of changing the equity system distinct the subtle and deep-seated foe with which the commonwealth, was ordered a third the subtle and deep-seated foe with which the subtle and deep-seated foe with which the commonwealth, was ordered a third the subtle and deep-seated foe with which the difference between the differenc

practices, and with the achievement of suc-less it would care but little what was the 'The Concord School of Philosophy.- and powe, of both brain and body. Its offects The Concord School of Philosophy.—
form of the government. The was with
Turkey revealed the existence of corruption
on an appalling scale. The Czar may well
ahrink freez an attempt to reform the sountry in its existing condition. It is extremely
difficult to prescribe a sure remedy. Time

The Concord School of Philosophy.—
and powe, of both brain and body. Its effects
are permanent, not a stimulant like brandy, but as visualizing element to the nerves. Physicians have prescribed. 300,000 packages, curing weakhave prescribed. 300,000 packages, curing weakmore cominately extent the holars.

— The only thing wanting about the Old South
have prescribed. 300,000 packages, curing weakhave prescribed. 300,000 packages, curing weakmore cominately extent in the Limbs, chronic Rheumantster,
food. For sale by the F. Crosby Co., 666 6th
Ave., N. Y., and druggists.

The Concord School of Philosophy.—
The arrangements are nearly completed for the
avitalizing element to the nerves.

— The only thing wanting about the Old South
have prescribed. 300,000 packages, curing weakhave prescribed. 300,000 packages, curing weakmore cominately element to the nerves.

— The only thing wanting about the Old South
have prescribed. 300,000 packages, curing weakmore cominately element to the nerves.

— The only thing wanting about the Old South
have prescribed. 300,000 packages, curing weakmore cominately element to the nerves.

— The only thing wanting about the Old South
have prescribed. 300,000 packages, curing weakmore cominately element to the nerves.

— The only thing wanting about the Old South
have prescribed. 300,000 packages, curing weakmore cominately element to the nerves.

— The only thing wanting about the Old South
have prescribed. 300,000 packages, curing weakunder School of Philosophy, which this season
on a splanding try in this subject of terminal facilities

and patience, however, are certain to do more than experiments with theorizera. If of subjects of the various lectures is a long one. The first speaker on each day will lecture at 9 o'clock in the morning, and the second at 7 o'clock in the evening. Amough the second at 7 o'clock in the evening. Amough the names mentainly passing through a crisis, but it is too strong to succumb at this stage of it.

READ AND RUN.

—Through trains are hereafter to be run from c'clock in the evening. Amough the names mentationed are those of Mr. Alcott, the poet Stedman, Prof. W. T. Harris, Mrs. S. D. Chency, Mrs. definitely disposed of, and it is now predicted

of life by earthquake at Chios has been greatly exaggerated, and it is also stated that there is no suffering from lack of food.

There is more in this suggestion, not yet that there is no suffering from lack of food.

The Monetary Conference at Paris is II pushed as it is capable of being, there is lack of the scene of the Exhibition.

The did-time customs and pleasures once more and cannot retrain from a feeling of pride at having been born and nurtured among such simble to the form and consistency of a project, than might at first be thought for an acanot retrain from a feeling of pride at having been born and nurtured among such simble to the growing crops.

The League of American Wheelmen will have its first annual meeting in this city on pecoration Day, when seven to eight hundred before the committees of the committees of the committees of the project, than might at first be thought for an acanot retrain from a feeling of pride at having been born and nurtured among such simble to the growing crops.

The League of American Wheelmen will have its first annual meeting in this city on pecoration Day, when seven to eight hundred before the committees of the National Congress, and published throughout the North. of life by earthquake at Chios has been reach the scene of the Exhibition.

greatly exaggerated, and it is also stated There is more in this suggestion, not yet politan spirit never ceases to yearn for a taste of There is more in this suggestion, not yet politan spirit never ceases to yearn for a taste of There is more in this suggestion, not yet politan spirit never ceases to yearn for a taste of vincialism and emerge into the full blossom of a cosmopolitan career with all its expanding associations and influences. The plan of fire. It is a welcome resiniscence of other of fire. It is a welcome resiniscence of other of fire. It is a welcome resiniscence of other of fire. It is a welcome resiniscence of other of fire. It is a welcome resiniscence of other of fire. It is a welcome resiniscence of other of fire. It is a welcome resiniscence of other of fire. It is a welcome resiniscence of other othe days, and the citizens of Boaton are notably loth corporations whose exhibitions are to be to let any one of them go, whether they have

> lusions. England proposes to abolish regimen- paying one million dollars less each year for This country does not now occupy pre- onet, that mere perpetuation of the ancient pike, the Fire Commission was created. cisely the same position in regard to the arc set aside. Bayonet charges are myths. Long. — We have been having favorable spring way. since January, being very near to the high- der-straps have likewise taken the place of big emigration. touched the exporting point, and the ten- ick's grensdiers, worn more to strike a sort of ginning in Montreal.

bleeding, and discolored. Prisoners faint under the infliction, and are actually whipped into life railway through Newfoundland. GLADSTONE ON BEACONSFIELD. again by their tormentors. It is not at all strange

and of the nation. In no previous instance that Mr. Gladatone was aware of had beath sfalirs of the city of bosons are managed.

The Commons been called upon to pay a mark of honor to a minister to whom it was a sharply opposed. The speaker conclude that should be acceptable to the Standard and the should be acceptable to the Standard

WENT debility and consumption. Vitalized Phosphites is a cerebral food, jucreasing the activity

"OLEOMARGARINE."

-Through trains are hereafter to be run from Public

wan street now as they did a month ago.

— The tulips in the State House yard are a great attraction this year.

— The work of boring the artests.

nnonites in Baltimere.

Frenchman's dram; the bugle serves better both now sketched in vivid colors on the other side with the Union when it needed friends abroad, ropean market to us. They are changed for signaling and for inspiration. Simple shoul-

allway through Newfoundland.

— Miss Julia E. Smith, the surviving one of ings with the native tribes, compelling them to

-- Lynn is to spend two thousand dollars in Selebrating the coming Fourth of July.

-- Lynn is to spend two thousand dollars in Selebrating the coming Fourth of July.

-- Lynn is to spend two thousand dollars in Selebrating the coming Fourth of July.

-- Lynn is to spend two thousand dollars in Selebrating the coming Fourth of July.

- Boston is getting more and more waked up The Greatest Discovery of the Age.

Cattle Markets.

BRIGHTON AND WATERTOWN.

FOR THE WHEE SEDING MAY 14.

19,111 10,189 11,610

Lmount of Stock at market :-

e-Wadwell. 60

243 Berry & Long.. 80 Western State 40 A N Monroe.. 894

action with reference to Olec rins, and other personous substances, by Massachusetts Grange, at a mosting in Box Saturday, May 7th, 1881.

strong to succumb at this stage of it.

A State Fireman's Association was formed in this city, this week.

A WORLD'S FAIR IN BOSTON.

The ball has been set in motion, and it would not be very imprudent to say that a would not be very imprud

we can think of would help Boston to break so completely away from its lingering provincialism and emerge into the full blossom

The 'Old South' bell was a completely away from its lingering provincialism and emerge into the full blossom

The 'Old South' bell was a completely away from its lingering provincialism and emerge into the full blossom

The 'Old South' bell was a completely away from its lingering provincialism and emerge into the full blossom

The 'Old South' bell was a completely away from its lingering provincialism and emerge into the full blossom

The 'Old South' bell was a completely away from its lingering provincialism and emerge into the full blossom

The 'Old South' bell was a completely away from its lingering provincialism and emerge into the full blossom

The 'Old South' bell was a completely away from its lingering provincialism and emerge into the full blossom

The 'Old South' bell was a completely away from its lingering provincialism and emerge into the full blossom

The 'Old South' bell was a completely away from its lingering provincialism and emerge into the full blossom

The 'Old South' bell was a completely away from its lingering provincialism and emerge into the full blossom

The 'Old South' bell was a completely away from its lingering provincial into the demands of a new time and room in the complete provincial into the provinci

tocks is now worth a fortune.

— There is a large-sized congregation of Star-route ring appears to have been Philadel. Mennonites in Baltimere.

— The death of Col. Thomas A. Scott, forguilty offenders to punishment. It appears in-The Husions of War.—One by one the gitter and tined of military organizations are disappearing, and war is coming down to a plain is now expected at any hour.

The quantity of the Pennsylvania Railroad, is now expected at any hour.

The preperty owners of Boston are now expected on for so many years and on such a scale, without the knowledge of either branch of wood Roundy. Congress or the heads of the department. But tal colors entirely. The pretensions of the bayshall know all about it. It is a big swindle, any

> M G Flanders. Beaconsheld and the United States. -The "borrors of emigrant ships" are just It is well remembered that Disraeli took sides Jefferson Davis had " created a nation." We — Labor troubles are thought to be only be-rinning in Montreal.
>
> **Montreal** were nearly all in the wrong," says an English writer, "all but Mr. Disraeli. Lord Palmers-C H Burks.
>
> **C H Burks.**

tion of an American company to construct a with this people, and describes them as wild and

Arrivais 215 head of pigs, with sales of 2 weighing 50 lbs each at \$7 each. Suckers \$3,085 ft head. 2 pigs average 35,0 exch. Fat hogs at unchanged prices. J. P. Squires 6,912 head, Chas. North & Co., 3,900, Nies Bros. 1,200.

Nies Bros. 1,200.

A variety of Ohio pigs (some 200 head) will arrive next week, Tuesd by morning at Brighton handled by D & A. W. Collins.

Price \$2,50@83 ff head, only a few head.

RELIEF AND CURE OF

Rupture

Beef-per 100 hs. on total weight of hide, tallow and meat, extra, \$7 00 \$6 00; first quality, \$6 00 \$6 75; second quality, \$5 55 67; third quality, \$4 75 56; a few choice ungle pare, \$6 25 57; some of the poorest, bulls, \$c., \$4 25 45. For the benefit of the afflicted who are incredulous garding Dr. SHERMAN'S great success, he resectfully submits (from among accres of similar etters) the following CONVINCING PROOFS:

WELLY PHILLY IN PROOFS: Working Oxen.—\$100@166@ ; handy steers, \$50@106 or much according to their value for seef.

Servers. 200815 (Strow and dry. \$1528).

Sapres. -This young cattle for farmers—yearlings are 100812 00; two-year olds, \$1828; three-year olds, \$1828;

W. H. PRESCOTT, Esq., Boston, Mass.—Dear Sir. For the last year I have been living at Ferguson, Mo. Yours of the 7th inst. to hand this A M., inquiring about Dr. J. A. Sherman's treatment. If you have a herala, or rupture sometimes called, go by all

EXTRACT FROM MR. H. A. CRAIN'S STATEMENT.

Cattle.—Were in fair supply, and the market up to Thursday was active, with prices in buy week, however, the improvement was all lost, a the offerings were large, and Eastern alvices of a less favorable character. Shippers took the full quota of the offerings, and the lulk of the the offerings are character. Shuppers took their a less favorable character. Shuppers took their full quots of the offerings, and the 'ulk of the business was done within a range of \$50@5 50 \$\foathermal{P}\$ kmp Steak. 2522 Beef Tongue. Corned Beef. Wights. For first quality or graded beeves of heavy weights, quotations generally ranged as heavy seights, quotations generally ranged as \$5 90@6 15 \$\foathfrak{P}\$ 100 bbs; prime to choice heavy fat shipping steers at \$5 50@5 75; fair to good do at \$5 15@5 40; common medium fleshy do at Clear Sait Strips. 112 13 Smoked Shoul at \$5 15@5 40; common medium fleshy do at Clear Sait Strips. 112 12 13 Smoked Shoul Smoked Ribbs.

time, except as applied to a few transections. Peaches, can 30 \$25 to Turban. Turban. Cattle came in quite lively up to the close of Tuesday, the arrivals numbering 507 loads for the first three tays of the market, during which the bulk of the sales were made. Owing to a strike of the yard switchmen at Chicago the arrivals since have been limited, and with a light supply of sale. On Friday's sales the ruling was a shade higher than at any time during the week. So 30 \$47 100 the being obtained by M C. Gillice on a full load of steers averaging 1,138 fbs. The market was firm at the close and the outlook was fair for a good trade next week if the receipts do not increase largely. One load of good weight Texas Cattle found sale at 5kc \$47 th, nearly all of the other transaction.

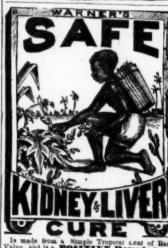
_	
F	ish. de
Fish 16 @	20 Shad 25 & 50
Fish @ 1	124 Pickerel, B 0 12
sh, fresh	Perch, dos
lock-	White Fish 0 18
sh, B 6 @	Salmon Trout 6 17
oked 8 a	Brook Trout, b 40 al 00
P	Sword Fish, b
	5 Lobsters, B 10;
ked @ 1	5 Frogs'Legs, ds @ 40
@1	24 Herring, salt dos @ 20
	6 Herring, smok.
terel,each 842	
terel, b.	. Tongues and
	Sounds, # 3 . 4 121
mish	Sounds, 4 124
te ' 13 @	Scollops, q't
S	Oysters, solid,
nders @	6 W gallon #1 00
OR # 8 -	Clams, gallon 9 70
ab 40 @	46 Quohaugs, sol-
oked, new @	25 id, & quartit
kled 17 @	Tattor
Klod	- waintenfacererenteren # 72

It is illustrated with photographic likenesses

QUINCY MARKET, BOSTON. Retail Prices.

ied expressly for the Ploughman for the BEEF. &c.

Fill be paid for a case they will not cure help, or for anything impure or injection found in them. D. 1. O. is an absolute and irresistible cure for Drunkenness, use of opium, tobacco and



Is made from a Simple Tropical Leat of Bare alue, and is a POSITIVE Remedy for all Disease. For Disputs, in besters of the property in the market. Try it.



Directory Column. PROMINENT BUSINESS HOUSES IN BOSTON.

The Business Houses appearing under the exercal classifications in this column are smong the best and most reliable in the city. AWNINGS, TENIS and FLAGS.
F. CHANDLER & CO., 6 North Market S

CANVASS FOR COVERS-Old & New, ACCOUNT BOOK MANUFACTURERS. AARON R. GAY & CO., 130 State St DOANE & GREENOUGH, 116 State APOTHECARIES.

ARTISTS' MATERIALS. AGRICULTURAL IMPLEMENTS. EVERETT & SMALL, 43 South Manufacturing Corper

DANA & CO. (Wholesale) 42 V. H. Mark BEEF AND PORK HOLDEN & GLIDDEN, 49 F. H. Market BUTTER, CHEESE AND EGGS. C. C. CHAMBERLINA CO., AMOS KEYES & CO., 26 Black AYRE & COSDEN, 138 Black J. W. HARRIS & CO., (Con

A. STEWART, 116

elected and will add greatly BOOTS AND SHOES. f American mutton abroad aside, is equal to anything t roduce. The sheep are i 159 Court street.

LAMKIN, 28 Tremont Row, cor. Pemberton feeding. Notwithstanding the BIBLES AND RELIGIOUS BOOKS. H. L. HASTINGS, 47 Corn

largely from the United Stat BUSINESS AND VISITING CARDS Best Work—Best Terms—Ser W. C. CANNON, 712 Washi COFFEE AND TEA. RIENTAL TEA CO., 85 to CARPETINGS. CARRIAGES Second-Hand.

Harper's Magasine fo

a truly brilliant number.

Drake's sketches of The which will of course assume

a book, to mate his "By-Way of New England." Lisbon, it tugal, is described and illust

lected Corner of Europe. The Edwin Booth by William Win

Mr. Edward Atkinson treats o There is a wealth of tiles at

number, and the illustration fuse. In every sense this is

Jarper on reaching its gra sale by A. Williams & Co.

The Hills and Homes

apt title of a timely pamphlet i indicated, by Clark W. Bry printed and illustrated with p scape views. One can easily

course to and through the a country by the aid of this litt published by the author at

The live stock cleared

by the steamer Victoria of the

shipped by Sidner & Heath, of

county, Obio. They are m rolds and Southdowns, pe-

the English market. The she

ned Europe must in t

DEATHS.

CROWN MACHINE & AXLE GREASE COMPANY. HENRY I. HALL & CO., Agts., 234 State AN OLD LADY writes us: COLOR AND VARNISH MAKERS. COMMISSION PRODUCE. JOHN ATWOOD & CO., 166 Sq. Market st. CHOICE READY-MADE CLOTHING. MARRIAGES

CROCKERY CHINA AND GLASS. ABRAM FRENCH & CO., 89 Franklin st. NICKERSON & MILLER, 22, 24 and 25 NICHOLSON. FROST & CO., 13 & 14 South nac, May 2d, by Rev. R. GUY BROTHERS, 33 Bedford street. DRY GOODS.

DYE HOUSES MALDEN DYE HOUSE, S Hand WETROPOL'N DYE HOUSE, Suffelk Dye House & Laundry, M Chelsea Bye H'se & Laundry, M FLOUR, GRAIN AND HEN FEED. DCK WAY & CO., 220 FERTILIZERS.

FRUITS, VEGETABLES and CANNED WINN, RICKER & CO., 95 Fan'l Hall M'kt. FRUIT AND PRODUCE. FLOWER AND VEGETABLE SEEDS E. FRED WASHBURN, 165 Tremout st.

FISH. WALKER & RICH, 113 Fancuil Hall Mark's SHATTUCK & JONES, 128 Fan. H''' Mark's E. A. RICH & CO., 104 Atlantic Avenue. FARM AND CART HARNESSES. FURNITURE AND CARPETS. BROOKS & WALBRIDGE BROS. W. H. HERVEY & CO., 6 Union street FURNITURE MANUFACTURERS. F. M. HOLMES FURNITURE CO. FANCY GOODS & POCKET BOOKS. ALVAN L, LOVEJOY, 423 Washington

GAS FIXTURES. LAMPS, CHANDE-LIERS, Etc. BOSTON PROVISION M. N. W. TURNER & CO., 27 & 29 Bromfield st. HARDWARE DEALERS. W. A. MARTIN, 6 Dock Square. BOGMAN & VINAL, 7 Dock Square. HAT BLEACHERY Guild's Hat Bleachery, 517 Washington st. HATS, CAPS AND UMBRELLAS.

E. B. BRADSHAW, 8 CH KEROSENE CHANDELIERS, LAMPS. KITCHEN FURNISHING GOODS. F. MORANDI & SON. 50 I LUMBER DEALERS. J. F. PAUL & CO., cor. Dover & MUTTON, LAMB and VEAL. HISCOCK & PRIOR. 9 & 11 1

METHODIST BOOK DEPOSITORY. MANF'S OF WHITE LEAD, RED LEAD AND LITHARGE. BOSTON LEAD CO., 24 & 26 ORGANS and PIANOS. BOSTON CHEESE MARK D. A. GAMAGE, 567 Was

eese is having a good trade for the might at other times be consisty, at 14@14½c. PORK. Etc. CHAS. H. NORTH & CO., 27 F. H. Market BOSTON WOOL MARKE PAINTS, OILS, Etc. Sales were duil at 32@48e for Ohio, Pen and West Virginia, 33@42e for Mich Western, —@-c for Southern, —@-c fornia, Texas, Territory and Oregon, 44e for combing and delaine. PERKINS & HOUSE'S KER. LAMPS

Beef, &c.

Beef, &c.

Family, bbl.14

bbl. cash. 12 00 g13 00 Tongues, bbl 26 WM. KNABE & CO. and E. GABLER PIANOS.

E. W. TYLER, 3 Bedford & 506 Washington 551 RAINBOW'S TRUSSES AND SUP-PORTERS MARVIN LINCOLN, 8 Hamilton Place.

RESTAURANTS. RUBBER GOODS. WORTHLEY, DOWNES & CO. 29 Milk st ALFRED HALE & CO., 300 Washington st-WARNER & FREEMAN, 57 Commerce St.

SHEET LEAD, LEAD PIPE, PUMPS, &c

BOSTON LEAD MF'G CO., 25

PIANO FORTES

TRUSSES, SUPPORTERS, ELASTIC Stockings for Varicose Veins, Hearing Trumpets and Apparatus, Milking Tubes and Instruments for Cattle. VARNISH MAKERS. WALL PAPERS. J. S. MERRILL & SON, 17 Han

SUMMER MUSIC BOOKS!

Take with you to your country or seaside residence

WHITE LEAD, COLORS, VARNISHES

a few of our excellent collections of mental music. Send for descript acags.

Control Pearls. \$2 boards. \$2.50 cloth
This is a standard book, containing the soles of most

This is a standard book, containing the soles of most of the better known operas, and is very convenient to have on hand. But take also a copy of each of our popular bright.

New Operas. Elegant editions and marvellous low prices. Bishec Taylor, (50 cts.); Chivette, (50 cts.); The Mascot, \$1.) Musketteers (\$1). The last has had a fine run in London and Paris. Also the more solid recent operas: Migness, \$2); Atta. (\$2); Cartenan, \$2.]; Medisorieles. (\$2); Fastinitas, (\$2); and many others.

"Stay-athone" people will find the above equally. "Stay-at home "people will find the above equa-duable and interesting.

Any book mailed, post-free, for retail price.

FIRE CENT. Not to Investors secured by First Mortgage on Improved Farms worth from 3 to 5 times the money loaned. Positively safe, interest paid ayomptity when due, best reference furnathed. Write JAMES F. TOY, B. Micer, at Storm Lake of

Wholesale Price

ANSIDE QUINCY MARKS

BOSTON MAY MARKET.



curing Jaundice, Liver Complaiveness, Headache, Dizzincss, all complaints caused by ing ted Circulation, or a deranged on of the stomach, Liver, Kidney

Harper's Magasine for June begins the ory Column. th volume of this popular monthly, and it is truly brilliant number. It is felicitously ened with the first of Mr. Samuel Adams BUSINESS HOUSES rake's sketches of The White Mountains, N BOSTON ich will of course assume in time the form of a book, to mate his "By-Ways and Corners of uses appearing under the of New England." Lisbon, the capital of Por-tugal, is described and illustrated as A Negations in this column are and most reliable in the city. eted Corner of Europe. There is a sketch of TEN18 and FLAGS. dwin Booth by William Winter, and a portrait-Edwin Booth by William Willer, and a portrait-Mr. Edward Atkinson treats of Kentucky Farms. There is a wealth of tiles and novels in this R COVERS-Old & New number, and the illustrations are literally pro-use. In every sense this is a superb issue of

OK MANUFACTURERS. y on reaching its grand elimacteric. For AY & CO., 130 State Street. EEXOUGH, 116 State Street ale by A. Williams & Co. sale by A. Williams a Co.

Take this Method of informing Twenty-five seasons and still in advance of Berkshire in the all Darking.

The Hills and Homes of Berkshire in the all Darking. OTHECARIES. itie of a timely pamphlet guide to the region all Parties TS' MATERIALS. pe views. One can easily decide upon his TREASURY PREFERRED RAL IMPLEMENTS. o and through the attractive Berkshire MALL, 43 South Market st. Macturing Corporation ntry by the aid of this little guide, which is STOCK is still for Sale at only by the author at Great Barrington, \$30 a Share KB, 70 & 72 F. H. Market. (Wholesale,) 52 N. Market St.

AND PORK. LEDD EN. 49 F. H. Market

AND SHOES.

HEESE AND EGGS.

A CO., 26 Blackstone street.

BEN, 138 Blackstone st.

S & CO., (Com. Merchants.)

Tremont street, TE, 23 Tremont Row. EB, 32 Essex st, & 136, 139 and

RELIGIOUS BOOKS.

D VISITING CARDS

TILIZERS.

ABLES and CANNED

& CO., 95 Fan'i Hall M'kt.

VEGETABLE SEEDS

BURN, 165 Tremont st.

DN ES. 128 Fan. H'll Mark't.

ART HARNESSES.

AND CARPETS.

& CO., 5 Union street

POCKET BOOKS.

LAMPS, CHANDE-

RE DEALERS.

EACHERY.

ND UMBRELLAS.

NDELIERS, LAMPS.

NISHING GOODS.

MB and VEAL.

nd PIANOS.

OILS, Etc.

FORTES.

RANTS.

GOODS.

TERS, ELASTIC

nts for Cattle.

TAKERS.

PERS.

LEFF. 13 Tremont st.

RS, VARNISHES

IC BOOKS!

l of the best new

of each of our

OK DEPOSITORY.

DEALERS.

ND PRODUCE.

FISH.

ms Send for Estimates.

emont Row, cor. Pemberton

by the steamer Victoria of the Warren hne, inmies one of eight hundred and sixty sheep, will be paid on all Purchased up d by Sidner & Heath, of London, Madison to May 24.

That the sale will soon close, the English market. The sheep have been well wheeted and will add greatly to the reputation of American mution abroad, which, prejudice aside, is equal to anything the "Island" can oduce. The sheep are in charge of three Valuable Patents. oung men of long experience in folding and young men of long expectation for the prejudice above mentioned Europe must in this direction draw motives that will burn without largely from the United States. an Sparks or Smoke or Gas issu-GET OUT DOORS.

stock cleared Tuesday, May 10

se continement of all factory work, operatives pallid faces, poor appetites, iserable feelings, poor blood, inactive eys and urinary troubles, and all the and medicine in the world cannot unless they get out doors or use Hop E AND TEA. PETINGS. ES-Second-Hand. NE & AXLE GREASE L & CO., Agts., 234 Stat. ARNISH MAKERS.

ION PRODUCE. Y-MADE CLOTHING. MARRIAGES. ARKER & COMPA HINA AND GLASS.

MILLER, 22, 24 and 20 May 2d, by Rev. R. D. Fish, Geo 108T & CO., 13 & 14 South RS. 33 Bedford stree GOODS. HOUSES. mbridge.
port, May 4th, by Rev. S. J. SpauldE. Burnham, Esq., of Haverhill, to HOUSE, 8 Hand DYEHOUSE, 12 sed Laundry, 17 od Laundry, 59 Akerman of Newburyport.

May 9th, by Rev. J. H. Lockwood

y of Gloucester to Nellie F. Collins. AND HEN FEED. DEATHS.

Offices, 9, 10, 10 1-2 and 11 Rialto Building, for further information. Offices open from 9 A. M. to NOTICE TO 294 STOCKHOLDERS. Due notice will be sent by mail of the time the train will leave the Eastern Railroad Depot. Causeway Street, May 23, for the purpose of laying the COR-NER STONE of the Main Building of the new Locomotive Works in Chelsea-In case of storm it will be postponed to the 26th of May. Tickets for the Dinner on that day are ready for Stockholders.

N. Y., May 5th, Abagail H., wife of andolfo, formerly of Charlestown Distance of the late Metealf Everett, Esq., on that day are ready for Stockholderstic W., daughter of ver.
Elizabeth H. Peck,
D. D., formerly Section, 77 years.
eli H. Dickinson, 49
la, wife of the late

BOSTON PROVISION MARKET.

BOSTON BUTTER MARKET.

E'S KER. LAMPS

Mess, & Family, bbl.14 50 @15 50 cssh. 12 00 @13 00 Tongues, bbl 26 00 @28 00

Pork, Lard, &c. 22 0 423 0 Ohio Prime 14 00 414 50 c. 124 0 124 Vent and Matten. ♥ 3... 9 &...11 | Lamb, 3...., 1148 1 ♥ 3... 8 g...124 | Do. Spring, 3.8 00410

| Farm | 1 | Farm | 1



BLODD PURIFIER AND REGULATOR ring Jaundice, Liver Complaint, and Sanford Corn; the best varies complaint caused by inpure for fodder corn. CHARLES DOLE.

THE DIRECTORS THE GLOBE CO.

BOSTON, MASS.,

That their REGISTERED

That the 4th Quarterly Divi-

That the Company owas Thirty

That it will soon Build Loco.

ing from the Stack, and with much

That it has purchased the Land

for its Lecomotive Works in

Ch-Isea, and will commence the

week

term of years.

from its earnings alone.

chinery and materials.

the Inventions pay.

That it has a Large Surplus

That it has Large Shops at

83 Haverhill St. full of men, ma-

That the Company is run by

Live Men who know how to make

That no Safer Investment ex-

Call or send early or you will

lose this opportunity. Call at the

devoted solely for that purpose.

less fuel than other locomotives.



NEW MODEL

all weight on the drive wheels, giving all the machine for driving power to the cut-less not load and lug the borses necks as chines do, with a heavy dragging frame in

from the control of t nes.
incry and fewer parts than any other extra levers.
t simplicity can be understood and any ordinary farm hand.
y of gearing. ling, swivels or superfluous levers to get out of order. always in order and always ready l stand more abuse with less injury merits and staunch qualities have

erection of its Buildings next MANUFACTURED BY THE RICHARDSON M'F'G CO., That it has four fine offices in Worcester, Mass. Devenshire Street leased for a JOSEPH BRECK & SONS, That it pays its Dividends 51, 52 & 53 North Market Street,



JOSEPH BRECK & SONS, 51,52 & 53 North Market Street, Be Superphosphate. TWENTY YEARS'



500 Tons. 60,000 Tons Bradley's Phosphate has now been in use for twent;

BRADLEY FERTILIZER CO., 27 Kilby St., Boston, Mass.

CARPETS.

BUY DIRECT OF THE MANUFACTURERS.

We are now Offering a Special Line of Carpets which are well worth the inspection of all buyers. 100 Pieces ROYAL WILTONS . at \$2.25. [usual price \$3.00] MOQUETTES . . at \$1.50, [" \$2.00] 250 [" " \$1.75] BEST BODY BRUSSELS . . at \$1.25, 500 1000 TAPESTRY at 75, 600 " EXTRA SUPERFINE . . at 75 & 85, [" " \$1.00] Special Line ENCLISH SHEET OIL CLOTHS at . . These goods are of the Best quality and warranted, and are sold much below the market value.

JOHN & JAMES DOBSON,

525 and 527 Washington Street, Boston. SAMPLES SENT WHEN DESIRED.

Jersey Bull Calf. H. Reg. Jersey Bull Calf, five months old. Large, handsome, and from rich quality stock. Traces to celebrated ims yearling H. Reg. Bull, solid fawn. Dam a prize winner at N. Y. State Fair. FRANCIS GULLIVER, Andover, Mass. my14-2t

WINDMILL.

The Best in Use.
H. H. BABCOCK

WANTED MEN TO LEARN TELE-GRAPHY. Written

FLOUR

Barley, Buckwheat, Mixed Feed

BOWKER'S

HILLAND DRILL

PHOSPHATE

MANUFACTURED BY

BOSTON & NEW YORK

Sweetser Brothers,

MANUFACTURERS OF SNUFF,

131 Devoushire Street, BOSTON.

THE GLOBE COMPANY.

ALFRED BERNEY. HORACE P. STEVENS, GEORGE E. DUTTON, N. A. DUTTON,

FRANK P. EPPS, ORELIUS L. YOUNG. LINUS E. CLARK,

Board of Directors. GEORGE N. BIGELOW, of Boston, Mass. J. C. HANCOCK, of Boston, Mass. BENJAMIN DUITON, of Boston, Mass. ALFRED BERNEY, of Boston, Mass. A. B. PUTNEY, of Boston, Mass.

A. B. PUTNEY, of Boston, Mass. GEORGE E. DUTTON, of Boston, Mass. WM. CURRY, of Boston, Mass. AMOS T. SMALL, of Holbrook, Mass. ORELIUS L. YOUNG, of Cambridge, Mass. NATHANIEL A. DUTTON, of Charlestown ELI GOTT, of Rockport, Mass ELI GOTT, of Mockport, Mass.

A.THAN DAVIS, of Groton, Mass.

A. PETTIGREW, of Gloucester, Mass.

GEO. N. CLARK, of Sherborn, Mass.

HORACE P. STEVENS, of Chelsen, Mass.

EZRA MILLER, of New York.

CONSTRUCTION DEPARTMENT.

83 HAVERHILL ST., BOSTON LOCOMOTIVE WORKS, CHELSEA. OFFICE:

131 Devonshire St, Boston.

A NEW DEPARTURE In the Weekly Republican. Since its foundation nearly 60 years ago The Spring-field Republican has always contributed generously to the instruction and entertainment of its large rural constituency by its agricultural news. To make

SEND FOR PAMPHLET 1881. This is a true bone superphosphate, and may be used on any crop, in the hill or drill or broadcast, either with or without manure, and will produce a much earlier and larger of Fertilizers, its valuation is from \$3 to \$1 ble original and selected matter, and be under the charge of a trained agriculturist. Each week there a 156 a 200 BOWKER FERTILIZER CO

edito. tal, literary, saligious and miscellaneous, wi be kept up to their recognized high standard, an all of the best chara-teristics of the paper careful ibers to the Weekly to try it at slight enterte,

THE REPUBLICAN.
Springfield, Mass. White Russian Spring Wheat

CHARLES DOLE, Northfield, Vermont. Help Wanted.

Mammoth Bronze Turkeys NEW SEED STORE, ONE pair, weight 65½ lbs., lst premium birds. My Turkeys are first class in all respects; bave always won the highest Premiums at nil exhibitions where I have shown them. I have fifteen to dispose VEGETABLE, of, as I do not intend to breed poultry at present.
Birds will be sold low for the quality.

EGGS to spare at \$5.00 per 13, until Turkeys are

GEO. S. WHEKLER, New Ipswich, N. H. For Murket and Family Gardens. FLOWER, the most popular and beautiful varieties, f

FIELD SEEDS.

FODDER CROPS,

EVERGREEN SWEET CORN ROOT CROPS,

MANGEL WURZEL, the choicest Giant and Long Red, Yellow Globe, Olive-shaped Yellow, Silvesian Sugar Beet, etc., all carefully grown and selected expressly for our most critical trade.

SEEDS

purposes. The buildings are in good ten acres of mowing land, capable of panally twenty or more tons of hay of the and has forty acres of pasture and waste land) on which there are four hosting mod white one and pinks one and pinks one and pinks one and pinks.

oughly understand the wants of FAR-MERS, MARKET GARDENERS. FLORISTS and AMETEURS. Send for our Catalogue. SCHLEGEL & FOTTLER.

26 SO. MARKET ST., 26 CORN.

THIS CROP IS THE SUREST RAISED IN
New England, and should be more largely
grown. Dr. Nichols, the well known agriculturist,
itter carrell experiments, estimates on basels of
Northern corn, ground with the cob, equal to a bushel
of shelled corn from the West; while many larmers
ossider a ton of well cured corn fodder could be
one of English have BOWKER FERTILIZER CO., or 3 Park Place, New York City. my7-tf

April 4th, English Shepberd Bor,
4 years old, black and white, white breast,
white, fore feet from knees down white, yellow
spots over syżs, long hair, bushy tall tipped with
white; answers to the name of Rover. For the recovery or information of the Dog to LEONARD
ALDRICH, Warden Mariboro' Poor Farm, a reward of Ten Dollare will be paid. Golden Rule Poultry Yards. RARE AND HIGH CLASS POULTRY. The varieties. Fowls for sale. Eggs. \$2.00 tor 13, or \$3.50 for 38. Descriptive Circular and Price List shut to any address. (HAS. S. HASTINGS, Prop'r. St. Johnsbury, Vt. 1100 Mag. Ploughman. 1980.3t

Farmer Wanted.

SWIVEL CHAMPION OF THE WORLD! so other Plough has such a record. It has been ally improved for the season of 1881. Don't buy to ther until you have seen it or send for latest scriptly Circular. MANUFACTURED ONLY BY

THE MATCHLESS

EVERETT & SMALL, 43 South Market St., Boston.

FARM PERSONAL PROPERTY. AT AUCTION!

Valuable Farm for Sale.

EVERETT & GLEASON,
34 SOUTH MARKET STREET, 34
BOSTON. MASS.

BE Remember the Number.

BY Hell Street of the great of the g

trys; besides closets, halls and entries; all in good repair and heated by furnace in cellar. Good Stable about 40 feet square, wistalls for 6 Horses and barn room for several Cow with cellar under the same. Also, 50-foot abe occupied as a shop; 2 Carriage Houses; op shed and Wood House. Also another shed for Carts and flue Kettle for cooking feed for Hogs, et Large Hen House, room for 100 fowls. Farm about 40 acres land; Orchard; plenty wood for hon use and about 50,000 of Fine impler suitable to C and within 30 rods of mill. There is a large Lawn front of Buildings with good circ-ways and a gre variety of shade trees. Land in good condition there will be a large amount of manure in the spirit This is one of the best Farms for Milk, Vegetable. Poulty farming in this vicinity. Handy to 3 good

At Lake Side Stock Farm, Centre Harbor, N. H., a pure bred Shorthorn Bull, 3 years old; girst 7 feet 7 inches; weighs 2150 bs; would make a fine Show Bull. Also Shorthorn bull calves, for sale. For

AYRSHIRES, OLD AND YOUNG For sale by C. B. METCALF, was ap22-tf

ROSES

A RACTICAL farmer and wife to take charge

A flactrical farmer and wife to take charge

of the farming department of a Charitable Institute for young lade, where special stignton will be given to the raising of small fruits. The wife to assist in housework—none need apply who would not find a portion of their recompense wanders. But would not doing good and reclaiming wanders. In moderate. Application with references as to charmoderste. Send for Free Circular.

Boston Footschice. 200,000) WILSON'S ALBANY PLANTS, warranted pure, \$2.50 per thousand; 10 per cent off if cash accom-

The GRAND SPECIAL CLOSING-OUT SALE of stock of the late firm of H. C. MCRSE & CO. was interrupted the past week by its removal bis dam 'Ananic,' was shown at the New Engian to Our Own Warerooms. at 107 WASHINGTON STREET. This great and superb addition gives an IMMENSE STOCK of strictly First-Class Goods, which, for the present, we shall offer at

BARGAINS UNSURPASSED. 107 Washington Street.

F. M. HOLMES FURNITURE COMPANY.

ENSILAGE! UNPARALLELED SUCCESS! PARKER & CANNETT

BOSTON AND SPRINGFIELD.

Mammoth Ensilage Seed Corn, ALBANY AND BILLINGS'

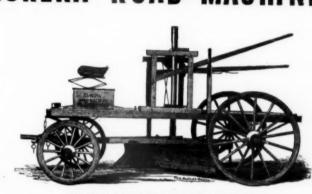
Corn Planters. LION AND BALDWIN

Fodder Cutters. HORSE POWERS.

Complete outfits for filling Silos furnished at a great reduction from list prices.

Agricultural Tools, Seeds and Wooden Ware.

EUREKA ROAD MACHINE.



Kimball Bros.,

LITTLETON, MASS



SECOND TO NONE!

Sale in 1865 - - 754 Tons. " " 1880 - 44,700 " This Fertilizer, which was at first sold almost entirely in the

CLIDDEN & CURTIS, GENERALTSELLING AGENTS OF PACIFIC GUANO, COMPANY,

XIBOSTON, MASS.

ORGANS Surger-Solid Walnut & Octaver: A sets of Reeds. CELESTE—

#UB-BASH—EDBH, with Coupler and Grand Organ. P Stop—

#UR-BASH—EDBH, with Coupler and Grand Organ. P Stop—

#UR-BASH—EDBH, Guaranteed Siz Years. Senton trial. 40,000 noid.

##UR-BASH—EDBH, Guaranteed Siz Years.

##UR-BAS

MOWER!

HIS FAVORITE MOWER IS OFFERED to

Bostor, April 23d, 1881.

Mortgagees' Sale of Real Estate.

DURSUANT to the power of sale contained in a FROST to CHARLES CHADBOURNE, dated July 1st, A. D., 1814, and recorded in the Registry of Deeds for the County of Suifols, Lib. 1239, foliations of the said mortgage, our the Blat day of May next. at pine o'clock, in the previous on the premises.

Ecutors, administrators and hasigus therein. Terms and known at the time and place of sale.

ELIPHALET GILMAN, JAMES E. GILMAN, FREDERICK N. CHENEY.

Assigness of sald Mortunet.

April 23d, 1881.

OLIVER CHILLED PLOW MEADOW KINC

Whittemore Chilled Swivel Plow CASADAY SULKY PLOW.

GARDEN, GRASS & FIELD SEEDS ever offered in Boston, and are prepared to furnish PURE AND RELIABLE SEEDS WHITTEMORE BROS.,

Nos. 80 & 82 South Market St.,

BUCKEYE FORCE PUMPS,

New Iron Turbine WIND ENGINE, EVERETT & SMALL, Sulky Plow.

Rock and Stump Puller. NARAMORE'S PATENT, ahead of all. A boy of 12 can raise 5 tons. I want a farmer in each town to buy a machine and have control of his town; will pay for itself 3 times a year. Act promptly. Sand stamp for circular and terms to G. A. KIMBALL, Worcester, Mass. my7-3t.

VERMONT FARM MACHINE CO., BELLOWS FALLS, VT.

Ewell, sixty-eight and thirty-seven one numeredina (88.37) feet to said Howard street, and the turning and running Southeasterly on said Howard street, two hundred, ten and thirty-three one hundred (180.39) feet to the point of beginning and containing 18.388 square feet of land according to said plan, exceeding the said plan to the said distribution of the said Georgie for the said said mort said the said said mort said for the said Georgie for the said G Mortgagees' Sale of Real Estate. 43 So. Market St., "SILOS,"

THE NEWARK AND ROSENDALE CEMENT CO.'S HYDRAULIC CEMENT

AMERICAN VETERINARY COLLEGE.

"IRON DUKE," FERRYCLIFFE FARM

WHEELER'S ECLIPSE WINDMILL.

DARLING'S

FINE BONE AND ANIMAL

ARE TH STANDARD.

TOP DRESSING

DARLING'S

TRY THEM!

BONE MEAL for CATTLE,

Address the Manufacturers for new Circular

L. B. DARLING & CO.,

Agents—PARKER & GANNETT, Boston and Springfield; WHITTEMORE BROS. JOS. BRECK & SONS and HOVEY & CO., Boston. feb 17t.

MATFIELD

FOR 1881.

PAWTUCKET, B. I.

BRISTOL, R. I.

"GEN. WARREN," Silver Brook Farm,

Bailey's Percheron." This imported Percheron Stal-

"WINNING FARM," BILLERICA, MASS. at \$20. halt forfeit. Bailey's Percheron was in ported May 24th, 1880, and last season proved nim-self a very sure foal getter, seventy-five per cent. of the marcs stined to him being in foal.

For description of this remarkably fine specimes of the best breed of horses in the world, for work rted May 24th, 1880, and last season proved his Lawn Dressing,

JOHN M. BAILEY.

HOLSTEIN STOCK BONE FOR MECHANICAL PURPOSES. FOR SALE. Pure Beef Scraps. Chicken Feed, &c. &c.

BULL CALVES. Out of the very best Cows WELL MARKED AND DESIRABLE, From Wm. A. Russell's Imported Thoroughbred Herd-JAMES C. POOR, Manager,

an22-tf North Andover Depot, Mass. CHESTNUT HILLS FARM, GROTON, MASS.

I have about twenty head of thoroug red Jersey Cattle, all registered in the American Jersey Herd Book," while will sell singly or in lots. Among the

SEND FOR PAMPHLET, MAILED FREE yearings and calves.

Apply at my Farm in Groton, or to FRANCIS M.

BOUTWELL, 160 Devonshire St., Boston.

apl6-tf GEO. S. BOUTWELL. Mortgagees' Sale of Real Estate. PURSUANT to the power of sale contained in a certain Mortgage Deed, given by GEORGE FROST to EDWARD P. CHENEY, dated July 1st,

> A GENERAL FERTILIZER OUR MATFIELD No. 9.

MATFIELD FERTILIZER CO., 13 Donne Street, Boston, Mass.



NEW LONDON, CONN.

WHEELER

NEW ENGLAND OFFICE. 167 TREMONT ST Boston, Mass.

WANTED. 500 BUSH. SPRING RYE. WHITTEMORE BROS. Agricultural Warshouse and Seed Store, file-tf 80 & 82 80. Market 81., Boston

PLANTS: - All the New & rielies. Prices reasonable. Illustrated Catalogue sent free.

C. S. PRATT, Age, NO. BEADING, MASS

GEORGE COOLIDGE, City Hall, Reston WISCONSIN LANDS 500,000 Acres

for retail price.

HASSACHUSHTES PLACEMENT AND NEW ENGLAND. JOURNAL, OF AGRICULTURE.—ROSTON, SATURDAY, MANAGEMENT AND STATE OF AGRICULTURE.—ROSTON, SATURDAY, MANAGEMENT AND STATE OF AGRICULTURE.

TO SAME AND ST

DR. RADWAY'S SARSAPARILLIAN

THE GREAT

Changes as Seen and Felt As they Daily Occur! AFTER USING A FEW DOSES.

. Good spirits, disappearance of weakness, lan-or, melancholy, increase and hardness of ficab 1. Good spirits, unsupers and hardness of flesh and muscles, etc.

2. Strength increases, appetite improves, relish for food, no more sour cructations or waterbrash, good digestion, cabu and undisturbed aleep, awaken fresh and vigorous.

3. Disappearance of spots, blotches, pimples; the skin looks clear and healthy, the urine changed from its turbid and cloudy appearance to a clear sherry or amber color; water passes freely from the bladder through the urethra without pain or sealding; little or no sediment; no pain or weakness.

4. Marked diminution of quantity and frequency of involuntary weakning discharges (if afficted that way), with certainity of permanent cure. Interest of the servers of any functional harmony restored to the several segment of the servers of the serve

5. Yellow tinge on the white of the eyes, and the swarthy, asfron appearance of the skin changed to a clear, lively and healthy color.
6. Those suffering from weak or ulcerated lungs or tubercles will realize great benefit in expectorations of the country of the cou orning.

All sappear.

7. As day after day the SARSAPARILLIAN is a day after day the sale will appear; a he blood improves in purity and strength diseas rill diminish and all foreign and impure deposity.

As-tumors, cancers, hard lumps, etc., he resolve and the sale will be sale and the sal

In cases where the system has been salivaand Morcury, Quicksilver, Corrosive Sublim have accumulated and become deposited in bones, jeints, etc., causing caries of the bones, riets, spinal curvatures, contortions, white swellin the control of have accumulated and provided the bones, rickets, spinal curvatures, contortions, white swellings,
varicose veins, etc., the SARSA-PARILLIAN will
resolve away these deposits and exterminate the
virus of the disease from the system.

9. If those who are taking these medicines for the
cure of Chronic, Scrotiolus or Syphillite disease,
however slow may be the cure, "feel better" and
find their general health improving, their fesh and
weight increasing or even keeping its own, it is a
sure sign that the cure is progressing. In these discases the patient either gets better or worse—the
virus of the disease is not inactive; if not arrested
and driven from the blood it will spread and continue
to undermine the constitution. As soon as the
cases APARILLIAN makes the patient "feel

to undermine the constitution. As soon as it SARSAPARILLIAN makes the patient "fee better" every hour you will grow better and increase in health, strength and fiesh.

The great power of this remedy is in diseases the threaten death—as in CONSUMPTION f the Lungs and Tuberculous Phthisis, Sc yphiloid Diseases, Wasting, Degeneratio fleeration of the kidneys, Diabetes, Stopp Water (instantaneous relief afforded where cat save been used, thus doing away with the ; peration of using these instruments), dis-tone in the bladder, and in all cases of

Inflammation of the Bladde and Kidneys, in chronic cases of Lucorrhea and Ut In tumors, nodes, hard lumps, ulcers; in dropsy; in venereal sore and in tubercles of the lungs; in generated and in tubercies of the lungs; in gout, dyspep-rheumatism rickets; in mercurial deposits—it: these terrible forms of disease, where the hun-body has become a complete wreck and where ev-hour of existence is torture, wherein this great r-edy challenges the astonishment and admiration the sick. It is in such cases, where all the pleasure of existence appear cut off from the unfortunate, by its wonderful, almost supernatural agency it stores the hopeless to a life and new existence, whithis great remedy stands alone in its might power.

power.

In the ordinary skin diseases that every on more or less troubled with a few doses will in m cases, and a few bottles in the more aggrava forms, work a permanent cure.

One bottle contains more of the active princip of Medicines than any other Preparation. Taken One Bellar per Bettle. R. R. R.

RADWAY'S PHAETONS AND BOX TOP BUGGIES

DYSENTERY, DIARRHŒA. CHOLERA MORBUS. FEVER AND AGUE, RHEUMATISM. NEURALGIA,

DIPHTHERIA, INFLUENZA SORE THROAT, DIFFICULT BREATHING Bowel Complaints.

coseness, Diarrhea, Cholera Morbus, or painfu ischarges from the bowels are stopped in 15 or 2 ninutes by taking Radway's Ready Relief. No con

ONLY PAIN REMEDY that instantly stops the most excruciating pair allays inflammation, and cures Congestion, wheth of the Lungs, Stomach, Bowels, or other glands oversals, by one application. IN FROM ONE TO TWENTY MINUTES

Radway's Ready Reliet

AFFORD INSTANT EASE! Inflammation of the Kidneys, Inflam-mation of the Bladder, Inflammation of the Blowels, Congestion of the Lungs, Sore Throat, Difficult Breathing, Pai-pitation of the Heart, Hysterics, Croup Diphtheria, Catarrh, Influenza, Head-ache, Teothache, Newraigia, Rheuma-tion, Cold Chills, Ague Chills, Chil-blains, Feost Bitee, Braises, Summer Complaints, Coughs, Colds, Sprains, Pains in the Chest, Back or Limbs, are instantly relieved.

The application of the liesdy Relief to the part or parts where the pain or difficulty exists will afford ease and comfort.

FEVER AND AGUE.

PEVER AND AGUE cured for fifty casis. There is not a remedial agent in this world that will cure Fever and Ague, and all other Malarious, Billous Scarlet, Typhoid, Yellow, and other Fever (aded by RADWAY'S RELDE), so quick as RADWAY'S READY RELIEF. Fifty Cents per Bottle. **RADWAY'S**

A Vegetable Substitute for Calomel. A vegetality busestates as consumer.

Perfectly tasteless, elegantly coated with swee
gum, purge, regulate, purify, cleanse and strengthen.

RADWAY'S PILLS, for the cure of all Disorders of
the Stomach, Liver, Bowels, Kidneys, Bladder, Nervous Diseases, Headache, Constipation, Costiveness,
Indigestion, Dyspepsia, Billoueness, Fever, Inflammation of the Bowels, Piles, and all dergagements of
the Internal Viscera. Warranted to effect a perfeccure. Purely vegetable, containing no mercury, min-Indigestion, Dysepsia, Binounness, rever, Inflammation of the Boweis, Piles, and all dergangements of the Internal Viscora. Warranted to effect a perfect care. Purely vegetable, containing no mercury, minerals or deleterious drugs.

AP Observe the following symptoms resulting from Diseases of the Blood in the Head, Acidity of the Stomach, Nausea, Heartburn, Disgust laward Piles, Fullness of the Blood in the Head, Acidity of the Stomach, Nausea, Heartburn, Disgust of Food, Fullness or Weight in the Stomach, Sour Eructations, Sinking or Fluttering at the Hear Choking or Suffering Sensations when in a lyring poeture, Dismess of Vision, 1-sts or Weigh Refore the Sight, Fever and Dull Fain in the Mead, Deficiency of Perspiration, Yellowness of the Skin and Kyes, Pain in the Side, Chest, Limbs, and Sudden Flushes of Heat, Rugning in the Fiesh.

A few doess of Hanwar's Prills will free the system from all the shove-named disorders.

Price, 35 Cents per Box. We repeat that the reader must consult our book and papers on the subject of diseases and their cus

READ "FALSE AND TRUE" Send a letter stamp to BADWAY & Co. 32 Warren, Corner Church Street TO THE PUBLIC. There can be no better guarantee of the value p_r , p_r

ONE DOLLAR EACH. Catalogues malled to any address.

FIFTY CENTS we will forward to any address post-paid, 2 hand-ome Chromos, each lbx21 inches; one, a marine abject, entitled The Winning-Yacht; the other, an attractive Fruit Fiece. Miracuve Fruit Fices.

Portraits for TOWN HISTORIES.

DIPLOMAS, Show Cards, Chromo Work, copies of Brawings, Architect's ins, maps and printing of every de

FORBES COMPANY 181 Devonshire Street, Established 1943.

WOODWARD & BROWN. PIANOS. 592 Washington St., Boston PIANOS Sold on Instalments,-TO RENT, and

BEFORE BUYING OR RENTING AN ORCAN end for our LATEST ILLUSTRATED (

BEATTY'S ORGANS IS BEATTY, Washington, E. F.



ing and describing everydisease of the hors with Illustrations of Spaying Sprains eccipt of 25 cents. Addr

J. B. CHECKLEY,

GATES' GARGET CURE. For the Cure and Prevention of Gar-get in Cattle.

Bag removed by from 1 to 2 bottles.
iment in Milk, from 1 dose to 1 bottle.
SOLE PROPRIETOR, JOHN B. GATES, WORCESTER MASS., 7 Harvard Street.

Price 75 cts. per Bottle, or 3 Bottles for \$2 A large assortment of NEW & SECOND-HAND



CARRIAGES CARRIAGES FOR THE COUNTR

STEWART'S Chardon St. Carriage Repository, ap2-25: 26 CHARDON ST., BOSTON

REF RIGERA TOR A. M. LESLEY

QUINCY MUTUAL TRE INSURANCE COMPANY. Cash Fund, January 1, 1881, 4425, 642; plus over re-insurance \$234,533.4%. Cash Fund the past year, \$38.45.566. Cash Surplus the past year, \$42,822.32. at risk, \$33.438. All losses paid in full. Divider \$33.738. All losses paid in full.

BOSTON OFFICE.

NO. 27 STATE STREET.

"SILOS!" E. MOULTON, SON & CO.

NORTHERN PACIFIC RAILROAD LANDS! FOR FORTUNES FARMERS! N 50,000 Farms. 6,000,000 Acres. Best Wheat Land, Rich Meadow, Choice Time

sep4-52t

Prices of land graded R. M. NEWPORT. General Land Agent, St. [Paul, Minn. MINNESOTA.

PARKER'S GINGER TONIC Ginger, Buchu, Handrake, Stillingia many other of the best medicines known are c bined so skillfully in PARKER'S GINGER TON to make it the greatest Blood Purifier and the Best Health and Strength Eesterer ever us Rest Health and Strength Restores ever It cures Dyspapale, Rhousestism, Neer Steeplessees, and all diseases of the Stee Bowels, Longs, Liver, Kidneys, Uricary O' and all Femile Complete. If you are wasting any disease, use the Tometo-day, Nomatter PARKER'S HAIR BALSAM The best and most one most

ARM hands, both men and boys can be obtained by personal application or by letter at tensor to EDWARD WINSLOW, Gen'l Agent in marrial Ald Seater, Chardon St. Boston, Mass.

MANHOOD RESTORED.

VOLUM

MASSACHUSETTS PEN ENCLAND BY DURNAL OF Official Organ of the N. E. No.45 With Street, (ce

BOSTO

Editoria 'SPASMODIC LEGISL THE STATE COL

The attempt, on the through a resolution aut ernor and Council and the culture, to present for the scheme for reorganization Trustees of the Agricult worthy the crafty and sch who during the entire plotting and planning to tion which they have be trol for petty and party e created than this reported House Chairman of the Co culture. The previous Trus been reported and lobbied t by a questionable majorit

killed in the Senate after a

bate, by a large majority, w

meet the satisfaction of th attempt must be made. day; not after a hearing

tee: not even after a discu tee, but by an insidious sought and selected by treason, and handed for h the stealthy tread of the de to one and another of the good to the college. But protruded, and even eye ooking for evil discovered suspecting legislators in hours of a most protracte ried through the House w found its way to the Senat blaze of light which intell ful senators could throw u Not an argument was ing eloquence of the abl Senate Chamber lifted the ernor and the able body of the Board of Trustees, and cisive vote than that given

the College trustees as me lege? How dare those v is done in the night, and opportunity for discussio the words of His Excellen Can they not read in the h ever inspired confidence s worthy of the name who

definite postponement, and

thay cannot themselves ru Well, indeed has the fin pronounced! Well inde nost scathing and terrib these malcontents whose ter be turned to cordial help. No longer can they is the only evidence of the longer can they hide be gauze of "alumni" when selves repudiate and den their record has been to stroy it. If they can give no off" and let the College a keeping of good, safe trus time this session most si the Legislature, may we tongue of the enemy, who call himself, will be stille

the great public can be my here may now be expect fully the usefulness and Institution. This great raised its hand to strike than deepen the foundation has done much in adverand in calling public atten ter of the work the Gove to accomplish. And judgi point which may be select sidered how much this n and ignorance; when it i that the College has secu which attends it. But now it may well be

destruction. If at last permanency

to contend against in the this new College has been a competitor with better endowed colleges wealth; when from the ment of the country Agric atricken from the list of le and Society has looked business adapted only to the unaspiring portion of huma vellous what strides have l